## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--------------------|---------------------|---------|---------------------|
| S1    | 4    | "6376069".pn. or<br>"6254970".pn. or<br>"5908694".pn. or<br>"6147604".pn.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>14:20 |
| S2    | 1    | "1225062"  | EPO                | OR                  | ON      | 2009/05/28<br>14:21 |
| S3    | 0    | S1 and thermochrom\$4  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>15:03 |
| S4    | 0    | S1 and (micron or ".mu.<br>m" or micrometer)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>15:08 |
| S5    | 2    | S1 and (micron or ".mu.<br>m" or micrometer or<br>mil)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>15:08 |
| S6    | 1    | S1 and rough\$6  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>15:09 |
| S7    | 701  | ((heat or thermal) near3<br>transfer) and support<br>and ink and ((".mu.m" or<br>micron or mictometer)<br>near5 rough\$6)  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>15:14 |
| S9    | 254  | ((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough\$6) and "428".clas.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>15:15 |
| S10   | 1    | "11693445"   | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/28<br>16:15 |
| S1 1  | 1    | ((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough\$6) and "428".clas. and (thermochrom\$6 near3 ink)                     | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/29<br>07:15 |
| S12   | 1    | ((heat or thermal) near3<br>transfer) and support<br>and ink and ((".mu.m" or<br>micron or mictometer)<br>near5 rough\$6) and<br>"428".clas. and<br>(thermochrom\$6 with<br>ink) | US-PGPUB;<br>USPAT | OR                  | ON      | 2009/05/29<br>07:16 |

| S13  | 4   | ((heat or thermal) near3<br>transfer) and support<br>and ink and ((".mu.m" or<br>micron or mictometer)<br>near5 rough\$6) and<br>"428".clas. and<br>(thermochrom\$6)   | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:16 |
|------|-----|--|------------------------------|----|----|---------------------|
| S1 4 | 10  | ((heat or thermal) near3<br>transfer) and support<br>and ink and ((".mu.m" or<br>micron or mictometer)<br>near5 rough\$6) and<br>(thermochrom\$6)  | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:17 |
| S15  | 9   | ((heat or thermal) near3 transfer) and (support or substrate) and ink and ((".mu.m" or micron or mictometer) near5 rough \$6) and (thermochrom \$6) and adhesive   | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:20 |
| S17  | 110 | "6423466".pn. or "6383710".pn. or "5813772".pn. or "5411783".pn. or "5411783".pn. or "4786349".pn. or "4256795".pn. or "3992559".pn. or "3959555".pn. or "3920499".pn. or  | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:24 |
| S1 8 | 0   | S17 and thermochromic  | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:25 |
| S19  | 0   | S17 and thermochrom<br>\$6   | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:25 |
| \$20 | 35  | ("1799754"   "4064285"   "4224358"   "4284456"   "4351871"   "4715914"   "4773953"   "4966815"   "4980224"   "5032449"   "5098772"   "5139917"   "5236801"   "5242739"   "5271990"   "5407729"   "5419944"   "5424141"   "5501902"   "5620548"   "5798179"   "6087061"   "6096475").PN. OR ("6423466").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>07:34 |
| S21  | 0   | S20 and adhesive and ink and thermochromic   | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:34 |
| S22  | 14  | S20 and adhesive and ink   | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>07:35 |

| \$23 | 18  | \$20 and adhesive and ((ink or dye) same (thermochromic or (thermo near3 chromic) or leuco) or heat or thermal)  | US-PGPUB;<br>USPAT | OR | ON   | 2009/05/29<br>07:41 |
|------|-----|--|--------------------|----|------|---------------------|
| S24  | 11  | \$20 and adhesive and ((ink or dye) same (thermochromic or (thermo near3 chromic) or leuco) or heat or thermal) and rough\$6   | US-PGPUB;<br>USPAT | OR | ON   | 2009/05/29<br>07:44 |
| S25  | 267 | (support or substrate) and transfer and ((ink or dye) with (heat or therm \$4 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6)   | US-PGPUB;<br>USPAT | OR | NO Z | 2009/05/29<br>07:53 |
| S26  | 154 | (support or substrate) and transfer and ((ink or dye) with (heat or therm \$4 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6) and "428".clas.   | US-PGPUB;<br>USPAT | OR | O N  | 2009/05/29<br>07:53 |
| S27  | 36  | (support or substrate) and transfer and ((ink or dye) with (heat or therm \$4 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (".mu.m" or micron or micrometer or mil)) and "428".clas. | US-PGPUB;<br>USPAT | OR | ON   | 2009/05/29<br>07:54 |
| S28  | 36  | (support or substrate) and transfer and ((ink or dye) with (heat or therm \$4 or thermochrom\$4 or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (".mu.m" or micron or micrometer or mil)) and "428".clas.  | US-PGPUB;<br>USPAT | OR | ON   | 2009/05/29<br>08:02 |

| S29  | 3      | (support or substrate) and transfer and ((ink or dye) with (thermochrom \$4 or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (". mu.m" or micron or micrometer or mil)) and "428".clas.  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/29<br>08:02 |
|------|--------|---|--------------------|----|----|---------------------|
| \$30 | 69     | (support or substrate) and transfer and ((ink or dye) with (heat or therm \$4 or thermochrom\$4 or leuco or (liquid adj crystal))) and ((heat or therm\$5) near3 adhesive) and (adhesive same rough\$6 same (". mu.m" or micron or micrometer or mil))  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/29<br>08:06 |
| S32  | 3<br>3 | US-7151552-\$.DID. OR US-7102657-\$.DID. OR US-6893717-\$.DID. OR US-6797747-\$.DID. OR US-6521327-\$.DID. OR US-632466-\$.DID. OR US-6395373-\$.DID. OR US-6395373-\$.DID. OR US-63969-\$.DID. OR US-6309498-\$.DID. OR US-6152621-\$.DID. OR US-6152621-\$.DID. OR US-5908694-\$.DID. OR US-5832827-\$.DID. OR US-5788796-\$.DID. OR US-5788796-\$.DID. OR US-562758".pn. or US-5538831-\$.DID. OR US-5456969-\$.DID. OR US-5456969-\$.DID. OR US-5411783-\$.DID. OR US-5411783-\$.DID. OR US-4786349-\$.DID. OR US-4786349-\$.DID. OR US-4786349-\$.DID. OR US-499-\$.DID. OR US-3992559-\$.DID. OR US-3992559-\$.DID. OR US-3992559-\$.DID. OR US-3993112-\$.DID. OR US-3660212-\$.DID. OR US-3657832-\$.DID. O | US-PGPUB;<br>USPAT | OR |    | 2009/05/29          |

|     |     | 3359127-\$.DID. or re28542.pn. or US-20040179083-\$.DID. OR US-20030136503-\$. DID. OR US-20030063139-\$.DID. OR US-20030044595-\$. DID. OR US-20020109636-\$.DID. or "20010005543".pn. |                              |    |    |                     |
|-----|-----|---|------------------------------|----|----|---------------------|
| S37 | 19  | \$32 and ("mu.m" or<br>micron or micrometer or<br>mil)  | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>09:24 |
| S38 | 0   | \$32 and (adhesive with rough\$6)   | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>09:26 |
| S39 | 13  | S32 and (adhesive with thick\$6)  | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>09:26 |
| S40 | 8   | ("4176146"   "4243700"<br>  "4704310").PN. OR<br>("5456969").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>10:14 |
| S41 | 437 | (thermal adj transfer)<br>and (barcode or (bar adj<br>code)) and (adhesive<br>same thickness)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>10:19 |
| S42 | 206 | (thermal adj transfer)<br>and (barcode or (bar adj<br>code)) and (adhesive<br>same thickness) and<br>"428".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>10:19 |
| S43 | 200 | (thermal adj transfer)<br>and (barcode or (bar adj<br>code)) and (adhesive<br>same thickness) and<br>"428".clas. and (ink or<br>dye)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>10:25 |
| S44 | 389 | (thermal adj transfer)<br>and rfid and ink and<br>adhesive  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>10:39 |
| S45 | 48  | (thermal adj transfer)<br>and rfid and ink and<br>(adhesive with thick\$6)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>10:40 |
| S46 | 43  | (thermal adj transfer)<br>and shirt and ink and<br>(adhesive with thick\$6)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>12:25 |
| S47 | 199 | rfid and print and shirt  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>12:29 |
| S48 | 80  | rfid and print and (t adj<br>shirt)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>12:29 |

| S49 | 12   | rfid same (t adj shirt)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/05/29<br>12:33 |
|-----|------|--|------------------------------|----|----|---------------------|
| S50 | 1    | "5296444".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2009/05/29<br>13:05 |
| S51 | 18   | (thermal adj transfer)<br>and geon and (pvc same<br>(ink or dye or pigment)) | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>14:50 |
| S52 | 9    | ((non adj wax) same<br>(non adj silicone)) and<br>(thermal adj transfer)     | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:12 |
| S53 | 1164 | (wax same silicone) and (thermal adj transfer)                               | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:13 |
| S55 | 1    | "10/537193".app.   | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:17 |
| S56 | 1    | "5766397".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:29 |
| S57 | 13   | (thermal adj transfer)<br>and (thick\$6 with<br>aesthetic)                   | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:47 |
| S58 | 4    | (shirt and thermal) and (thick\$6 with aesthetic)                            | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:52 |
| S59 | 32   | grilltex   | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:55 |
| S60 | 23   | grilltex and thick\$6  | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:55 |
| S61 | 1300 | (thermal adj transfer)<br>and (adhesive near5<br>thick\$6)                   | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:59 |
| S62 | 1060 | (thermal adj transfer)<br>and (adhesive near3<br>thick\$6)                   | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:59 |
| S63 | 31   | (thermal adj transfer)<br>and (adhesive with thick<br>\$6 with adjust\$6)    | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/29<br>15:59 |

## **EAST Search History (Interference)**

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